

## SLOVENSKI STANDARD SIST ISO 6412-3:1995

01-junij-1995

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Technical drawings -- Simplified representation of pipelines -- Part 3: Terminal features of ventilation and drainage systems

## iTeh STANDARD PREVIEW

Dessins techniques -- Représentation simplifiée des tuyaux et lignes de tuyauteries -- Partie 3: Accessoires pour les systèmes de ventilation et de drainage

SIST ISO 6412-3:1995

Ta slovenski standard je istoveten z: Collective ten z: 150 6412-3:1993

#### <u>ICS:</u>

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23.040.01	Deli cevovodov in cevovodi na splošno	Pipeline components and pipelines in general

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## iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST ISO 6412-3:1995</u> https://standards.iteh.ai/catalog/standards/sist/09f8d908-beb5-4da7-8712-0cbf5e4c4ea5/sist-iso-6412-3-1995

## **INTERNATIONAL STANDARD**

**ISO** 6412-3

> First edition 1993-01-15

#### Technical drawings — Simplified representation of pipelines -

## Part 3:

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SIST ISO 6412-3:1995

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Partie 3: Accessoires pour les systèmes de ventilation et de drainage



**Reference number** ISO 6412-3:1993(E)

#### Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member VIEW bodies casting a vote.

International Standard ISO 6412-3 was prepared by Technical Committee ISO/TC 10, Technical drawings, product definition and related documentation, Sub-Committee SC 6, Mechanical engineering documentation.

It replaces in part ISO Recommendation R 644.1967, which is currently under revision as ISO 538.

ISO 6412 consists of the following parts, under the general title *Technical* drawings — Simplified representation of pipelines:

- Part 1: General rules and orthogonal representation
- Part 2: Isometric projection
- Part 3: Terminal features of ventilation and drainage systems

Annex A of this part of ISO 6412 is for information only.

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#### Introduction

The principle of drawing practice is to depict an object to scale using lines. In simplified representations only essential features are shown, preferably in outline form (in order to save time and effort). The degree of simplification depends on the type of object represented, the scale of the drawing and the purpose of the documentation.

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# Technical drawings — Simplified representation of pipelines —

#### Part 3:

Terminal features of ventilation and drainage systems

#### 1 Scope

This part of ISO 6412 specifies simplified representations used in technical drawings for terminal features of ventilation and drams in pipeline systems. A D ISO 6412-1:1989, Technical drawings — Simplified representation of pipelines — Part 1: General rules and orthogonal representation.

#### tures of ventilation and drains in pipeline systems. A P 3 Design and representation

(standards. The simplified representations shown in clause 4 may be combined with graphical symbols, e.g. for actuators or pipes. General principles and additional SIST ISO 6412-3graphical symbols are given in ISO 6412-1.

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#### 2 Normative references Och56

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The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 6412. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 6412 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 5456-2:—<sup>1)</sup>, Technical drawings — Projection methods — Part 2: Orthographic representations.

See table 1.

The terminal features listed under numbers 1 to 9 are each shown in two orthographic projection views [1.1, 2.1, 3.1 etc. are views from the front and 1.2, 2.2, 3.2 etc. are views from above (see ISO 5456-2)].

The terminal feature listed under number 10 applies to directional vanes in ducts. That in 10.1. shows a bent duct with two vanes and those in 10.2 show Tjunction ducts with single vanes in opposing directions.

<sup>1)</sup> To be published.

No.     Description     Simplified representation       1     Scupper       1.1     Image: Constraint of the second	Table 1				
1.1     Image: Constraint of the set of	No.	Description	Simplified representation		
1.2       Image: Constraint of the stress of t	1	Scupper			
12       Image: Constraint of the second secon	1 1		$\neg$		
2       Scupper with closing device         2.1       Image: Constraint of the set of the	1.1				
2       Scupper with closing device         2.1       Image: Constraint of the set of the	12		$\square$		
2.1       Image: Constraint of the set of the se	1.2		$\cup$		
2.2       Image: Constraint of the set of the se	2	Scupper with closing device			
2.2       Image: Constraint of the set of the se	2 1		$\downarrow$ $\dot{\Box}$		
3       Scupper with smell seal and closing device         3.1       iTeh STANDARD PREVIEW         4       Air pipe (Goose neck) (standards.iteh.ai)         4.1       SIST ISO 6412-3:1995         https://standards.iteh.ai/catalog/standards/sist/09/8d9/98-beb5-4da7-8712- 0cb/5e4c4ea5/sist-80-6412-3-1995         4.2         5       Wall ventilator cowl         5.1         6       Mushroom ventilator         NOTE – Where applicable with indication "with screen".         6.1	2.1				
3       Scupper with smell seal and closing device         3.1       iTeh STANDARD PREVIEW         4       Air pipe (Goose neck) (standards.iteh.ai)         4.1       SIST ISO 6412-3:1995         https://standards.iteh.ai/catalog/standards/sist/09/8d9/98-beb5-4da7-8712- 0cb/5e4c4ea5/sist-80-6412-3-1995         4.2         5       Wall ventilator cowl         5.1         6       Mushroom ventilator         NOTE – Where applicable with indication "with screen".         6.1	22				
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32         ITeh STANDARD PREVIEW         4       Air pipe (Goose neck)       (standards.iteh.ai)         4.1       SIST ISO 6412-3:1995         https://standards.iteh.ai/catalog/standards/sist/098do/88-beb5-4da7-8712- 0eb/5e4c4ea5/sist-iso-6412-3-1995       •••         4.2       •••       •••         5       Wall ventilator cowl       •••         5.1       5.2       •••         6       Mushroom ventilator       NOTE – Where applicable with indication "with screen".         6.1       •••	3	Scupper with smell seal and closing device			
32         ITeh STANDARD PREVIEW         4       Air pipe (Goose neck)       (standards.iteh.ai)         4.1       SIST ISO 6412-3:1995         https://standards.iteh.ai/catalog/standards/sist/098do/88-beb5-4da7-8712- 0eb/5e4c4ea5/sist-iso-6412-3-1995       •••         4.2       •••       •••         5       Wall ventilator cowl       •••         5.1       5.2       •••         6       Mushroom ventilator       NOTE – Where applicable with indication "with screen".         6.1       •••	2.1				
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<ul> <li>4.1 SIST ISO 6412-3:1995 https://standards.itch.ai/catalog/standards/sist/09/8d9/8-beb5-4da7-8712- 0cb/5e4c4ea5/sist-iso-6412-3-1995</li> <li>4.2</li> <li>5 Wall ventilator cowl</li> <li>5.1</li> <li>5.2</li> <li>6 Mushroom ventilator NOTE – Where applicable with indication "with screen".</li> <li>6.1</li> </ul>	0.2	iTeh STANDARD PF			
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4.2       ••••••••••••••••••••••••••••••••••••	4.1	<u>SISTISO 6412-3:1995</u> https://standards.iteh.ai/catalog/standards/sist/09f8d	908-beb5-4da7-8712-		
5     Wall ventilator cowl       5.1     Image: Comparison of the second secon		0cbf5e4c4ea5/sist-iso-6412-3-1	995		
5.1       5.2       6       Mushroom ventilator       NOTE – Where applicable with indication "with screen".       6.1	4.2		<b>—</b> ——		
5.1       5.2       6       Mushroom ventilator       NOTE – Where applicable with indication "with screen".       6.1	5	Wall ventilator cowl			
<ul> <li>5.2</li> <li>6 Mushroom ventilator</li> <li>NOTE – Where applicable with indication "with screen".</li> <li>6.1</li> </ul>					
6 Mushroom ventilator NOTE – Where applicable with indication "with screen".	5.1				
6 Mushroom ventilator NOTE – Where applicable with indication "with screen".					
6.1	5.2				
6.1					
6.1	6	Mushroom ventilator			
6.1		NOTE — Where applicable with indication "with screen".			
6.2	6.1				
6.2					
6.2					
	6.2				

No.	Description	Simplified representation
7	Mushroom ventilator with closing device	
	NOTE Where applicable with indication "with screen".	
7.1		
		$\frown$
7.2		
8	Fixed ventilator cowl	
8.1		
8.2		
9	Turnable ventilator cowlen STANDARD PI	KE VIE W
	(standards.iteh	.ai)
9.1	Outlet or exhaust SIST ISO 6412-3:1995	
	https://standards.iteh.ai/catalog/standards/sist/09f8c	
9.2	Inlet or supply 0cbf5e4c4ea5/sist-iso-6412-3-	1995
10	Directional vane within a flow line (pipe or duct)	
	NOTE — An oblique stroke indicates where the vane is lo- cated and short (parallel) lines drawn at right angles to the oblique stroke indicate the number of vanes.	
	oblique stroke indicate the number of vanes.	
40.4		(XX
10.1		
10.2		